

G:\LANL Engineering Standards\Eng. Manual [LEI]\2. Approved\ST-G3030-3027.dwg, 09/03/02 @ 12:48 030688

|  |   |           |                |                                |   |   |   |            |             |      |     |     |
|--|---|-----------|----------------|--------------------------------|---|---|---|------------|-------------|------|-----|-----|
|  | 8   | 7         | 6              | 5                              | 4 | 3 | 2 | 1          |             |      |     |     |
| H  | <div>NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)</div> <div><div>1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DELETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE LEM CIVIL POC.</div><div>2. REFER TO THE FOLLOWING LANL STANDARDS FOR ADDITIONAL REQUIREMENTS:<div><div>a. ENGINEERING MANUAL, CIVIL CHAPTER.</div><div>b. SPEC 02310, GRADING, EXCAVATING, AND TRENCHING (INCLUDES TRACER WIRE AND TEST STATION SPECIFICATIONS).</div><div>c. SPEC 02535, MANHOLES.</div><div>d. SPEC 02630, STORM DRAINAGE.</div></div></div></div> |           |                |                                |   |   |   |            |             |      |     |     |
| G  |   |           |                |                                |   |   |   |            |             |      |     |     |
| F  |   |           |                |                                |   |   |   |            |             |      |     |     |
| E  |   |           |                |                                |   |   |   |            |             |      |     |     |
| D  |   |           |                |                                |   |   |   |            |             |      |     |     |
| C  | <div>DRAWING DEVELOPED FOR ML-3 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).</div>  |           |                |                                |   |   |   |            |             |      |     |     |
| B  |   |           |                |                                |   |   |   |            |             |      |     |     |
| A  |   |           |                |                                |   |   |   |            |             |      |     |     |
|  |   |           |                |                                |   |   |   |            |             |      |     |     |
| 1  | B-23-02   | U         | ADDED SHEET 2. |                                |   |   |   | RP         | EH          | MS   | EH  | TO  |
| NO   | DATE  | CLASS REV | DESCRIPTION    |                                |   |   |   | OWN        | VER         | CHKD | SUB | APP |
| <div><div><div><div><div></div><div>FWO</div><div>Los Alamos National Laboratory</div></div></div><div>FACILITY &amp; WASTE OPERATIONS<br/>SYSTEMS ENGINEERING &amp; MAINTENANCE</div></div></div> |   |           |                |                                |   |   |   |            |             |      |     |     |
| LANL ENGINEERING MANUAL  |   |           |                |                                |   |   |   | DRAWN      | R.PEARSON   |      |     |     |
| STORM WATER MANHOLE DETAIL<br>DESIGN NOTES   |   |           |                |                                |   |   |   | DESIGN     | E.HOTH      |      |     |     |
|  |   |           |                |                                |   |   |   | CHECKED    | M.SMITH/DLR |      |     |     |
| BLDG. X  |   |           |                |                                |   |   |   | DATE       | B-23-02     |      |     |     |
| SUBMITTED  |   |           |                | APPROVED FOR RELEASE           |   |   |   |            |             |      |     |     |
| DISCIPLINE POC: E. HOTH  |   |           |                | STANDARDS MANAGER: TOBIN GRUCH |   |   |   |            |             |      |     |     |
| <div><div><div><div></div><div>Los Alamos</div><div>NATIONAL LABORATORY</div></div><div>PO Box 1663<br/>Los Alamos, New Mexico 87646</div></div></div>   |   |           |                |                                |   |   |   | SHEET      |             | 2    |     |     |
| CLASSIFICATION U   |   |           |                |                                |   |   |   | REVIEWER   | LARRY BAYS  | DATE |     |     |
| PROJECT ID   |   |           |                |                                |   |   |   | DRAWING NO |             | REV  |     |     |
| CHAPTER 3  |   |           |                |                                |   |   |   | ST-G3030-3 |             | 1    |     |     |